



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/393

Date : 19.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Urdauli, Block - Maholi  
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 19.01.23

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~IGIS~~

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.



Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of strata	$R_{mf}$ & $R_w$
<del>1</del>	<del>27 – 33</del>	<del>6</del>	<del>Good</del>	<del><math>R_{mf} = 28.1 \Omega m</math> <math>R_w = 30 \Omega m</math></del>
<del>2</del>	<del>40 – 45</del>	<del>5</del>	<del>Good</del>	
<del>3</del>	<del>55 – 58</del>	<del>3</del>	<del>Good</del>	
<del>4</del>	<del>62 – 70</del>	<del>8</del>	<del>Good</del>	
<del>5</del>	<del>95 – 105</del>	<del>10</del>	<del>Good, Intermixed fine bands of kankar</del>	
<del>6</del>	<del>115 – 127</del>	<del>12</del>	<del>Good, Intermixed fine bands of kankar</del>	
<del>7</del>	<del>140 – 145</del>	<del>5</del>	<del>Good</del>	
<del>8</del>	<del>155 – 160</del>	<del>5</del>	<del>Good, highly kankar mixed</del>	

Remark : ~~Almost all zones are intermixed with fine bands of kankar.~~

CC :

1.M/S NCC Sitapur

*Verified as per logs provided.*  
*Note - Sr No 5 - 95-102 (7m)*  
*Sr No 7 - 140-144 (4m)*  
*G.S.H.*  
*20/01/23*

  
  
(A.K. Singh)  
Geophysicist